Portal, Commodore tunnel

Alt. 8165 ft

Fall River district, Clear Creek County. by C. C. Hawley and Frank Baker Moore FREE AMERICA EXTENSION +70 ft to face No 677 Flot Iron drift (?) Free America

Extension shaft Alt. 8782 ft Free America (2) and Flat Iron tunnels Alt. 8730 ft Little Giant adit and shaft Alt. 8823 ft No. 1381 LITTLE GIANT PURCHASE Portal-6th level Schwarz shaft Alt. 8716 ft No 702 St James drift Schwarz shaft, White vein WHITE No. 676 _Wheeler shaft, White vein Alt. about 8700 ft 1947 Crosscut ROULDER NEST Portal, Desbro or Horatio Parker tunnel No. 846 A ST. JAMES St. James shafts St. James Portal - St. James odit discovery shaft 691 Silver Coin drift 40. Tabor shaft Alt. 8598 ft TABOR Tabor East shaft EXPLANATION Shaft Inclined workings Chevrons point down Portal, Tabor tunnel
Alt. 8305 ft

Datum is mean sea level

FIGURE 3.—COMPOSITE MAP SHOWING WORKINGS (INCOMPLETE) OF PART OF THE RED ELEPHANT GROUP.

Workings from engineers' maps by Oscar Fisher, C. R. Wilfley, and geologic map by Bastin and Hill; Claims from map by Oscar Fisher; Elevations from map by C. R. Wilfley

DEPARTMENT OF THE INTERIOR UNITED STATES GEOLOGICAL SURVEY OPEN FILE, 1967 Mines and prospects, Lawson-Dumont-Fall River district, Clear Creek County, Colorado by C. C. Hawley and Frank Baker Moore Approximately 190 ft to Schwarz shaft (2) .65 ft;.003; 6.18 1/2-in. galena-chalcopyrite vein on hanging wall 2.2 -ft vein, copper-stained /sulfide streak on footwall 1/2-to I-in. carbonate-galena stringers through 1-ft altered zone l to 2 in. galena, some chalcopyrite Up to 1 1/2 in galena Underhand stope Open manway Low overhand stope Strong alteration, fine-Lagged overhand stope (4) 1.0 ft; .002; 83.00 grained quartz on rib Stoped I to 2 in. galenc Carbonate veins in altered rock 2-in. galena-bearing veins on hanging wall; Carbonate-filled 7 I-in. galena-chalcopyrite fractures vein on footwall i/2 to 3 in. carbonate, SECTION FACING WEST some pyrite Portal Rock cribbed EXPLANATION Alt. 8716 ft Thin galena vein in middle of 2-ft fine-36 grained quartz vein Plunge of minor syncline Debris 1 1/2-ft vein, altered Fault, showing dip wall rock, and fine-Granite gneiss and pegmatite grained quartz Vein, showing dip and plunge of slickensides Biotite gneiss and migmatite Dashed where approximately located Rock on footwall is probably mainly biotite gneiss and migmatite Caved workings, Contact 42 4 1.0 ft ; .002; 83.00 Strike and dip of foliation Sample location, showing number; 50 FEET 20 width; eU (%); Ag (oz /Ton) DATUM IS MEAN SEA LEVEL Plunge of minor anticline . Geology by C.C. Hawley and Peter Buseck, 1954

FIGURE 4.-GEOLOGIC MAP OF THE SIXTH-LEVEL ADIT, SCHWARZ SHAFT, WHITE VEIN